

GANTRY FOR A PARTICLE THERAPY FACILITY

Inventor

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License Status

Available for Licensing

- Non-Exclusive
- Exclusive

Patent Status

Application Filed

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Brookhaven
National Laboratory

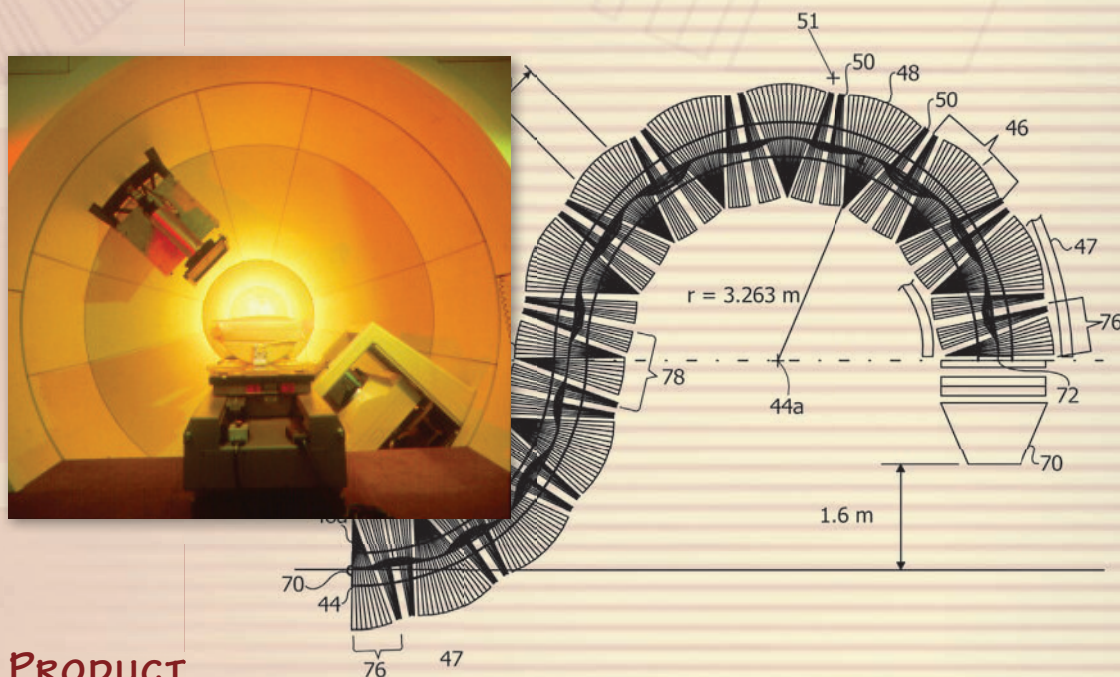
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PRODUCT

Describes a compact particle therapy gantry design for delivering a particle beam to a patient. The gantry includes a curved beam tube with a number of alternating fixed field magnets sequentially arranged along the beam tube for guiding the particle beam along the particle path.

COMPETITIVE ADVANTAGE

The gantry accepts particles and transports through the gantry magnets with very small orbit offsets. The gantry magnets are at the fixed-constant magnetic field, which allows the use of smaller gantry magnets. These features make the gantry made using this design to be simple, less expensive and compact.

APPLICATIONS

Include particle therapy gantry for medical particle delivery system found in medical cancer therapy facilities.

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